

Speech to Text Transcription with the Cloud Speech API

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with **Qwiklabs** on **Google Cloud Platform Console**

Steps

1. <Sign In>
2. <Activate Google Cloud Shell>
3. `gcloud auth list`
4. `gcloud config list project`
5. <Create API key-Create credentials: API key>
6. `export API_KEY=[MY_API_KEY]`
7. <Create Speech API request>
8. `touch request.json`

7. vim request.json

1) I (insert)

```
2) {  
    "config": {  
        "encoding": "FLAC", }] → Audio file form  
        "languageCode": "en-US" → target of conversion  
    }, "audio": {  
        "uri": "gs://cloud-samples-tests/speech/brooklyn.flac"  
    }  
}
```

Call the Speech API

<curl command>

```
curl -s -X POST -H "Content-Type: application/json" --data-binary @request.json ✓  
# "https://speech.googleapis.com/v1/speech:recognize?key=${  
API_KEY}"  
EV recognize service
```

Result { String extracted from audio.
Reliability of results.

Speech to text transcription in different languages

```
{  
  "config": {  
    "encoding": "FLAC",  
    "languageCode": "fr"  
  },  
  "audio": {  
    "uri": "gs://speech-language-samples/fr-  
sample.flac"  
  }  
}  
  
<curl command>  
curl -s -X POST -H "Content-Type: application/json" --data-binary  
@request.json  
-w "https://speech.googleapis.com/v1/speech:recognize?key=${API_K  
EY}"
```

Summary

- Creating a Speech API request and calling the API with curl
- Calling the Speech API with audio files in different languages